

Message Text

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44

ORIGIN COME-00

INFO OCT-01 CIAE-00 DODE-00 EB-07 NRC-05 NSAE-00 USIA-06

TRSE-00 EUR-12 ERDA-05 ISO-00 ACDA-07 /043 R

DRAFTED BY COM/OEA/RAGAREL, EPWALINSKY:BAW

APPROVED BY EB/EWT: SGOODMAN

RPE

----- 085041

R 231742Z SEP 76

FM SECSTATE WASHDC

TO USMISSION OECD PARIS

INFO AMEMBASSY BUCHAREST

C O N F I D E N T I A L STATE 236166

EXCON

E.O. 11652: XGDS-1

TAGS:ESTC, COCOM, RO

SUBJECT: EXPORT OF DISC DRIVES TO ROMANIA - IL 1565

REF: BEWT CASE NO. 194041 (AMENDED), OC DOC. NO. 5590

(CONTROL DATA CORPORATION)

1) THE UNITED STATES DELEGATION IS REQUESTED TO SUBMIT
THE FOLLOWING URGENCY EXCEPTION CASE PURSUANT TO COCOM
DOC. REG. (73)3, PARAGRAPH 4(B):

2) THE UNITED STATES AUTHORITIES HAVE BEEN ASKED TO
APPROVE THE EXPORT TO ROMANIA OF 14 TYPE 9742 DISC DRIVES
WITH SPARE PARTS, TOTAL VALUE APPROXIMATELY 184,000 DOLLARS
AND COVERED BY IL 1565(H).

3) THESE ITEMS ARE CONSIGNED TO THE END-USERS LISTED IN
ATTACHMENT 1, WHERE THEY WILL BE USED WITH ROMANIAN MANU-
FACTURED FELIX 256 COMPUTERS FOR VARIOUS DATA PROCESSING
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APPLICATIONS, AS SHOWN.

4) THE TYPE 9742 DISC DRIVE IS USED IN CONJUNCTION WITH A TYPE 9869 DISC PACK OR EQUIVALENT (NOT INCLUDED IN THIS TRANSACTION) TO STORE 500 MBITS OF DATA OVER 400 TRACKS ON 20 MAGNETIC OXIDE SURFACES. THE UNIT IS COMPARABLE TO THE IBM TYPE 2314 DOUBLE DENSITY DRIVE, EXCEPT THAT IT IS LARGER IN CAPACITY (500 VS. 466.8 MBITS) AND FASTER (42.5 VS. 72.5 MS AVERAGE ACCESS TIME). TECHNICAL CHARACTERISTICS OF THE TYPE 9742 DISC DRIVE ARE SHOWN ON THE TABLE BELOW:

CHARACTERISTIC	9742 DISC DRIVE
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NUMBER OF DATA SURFACES	20
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BITS PER INCH	
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A. OUTER TRACK (BPI)	1,530
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B. INNER TRACK (BPI)	2,220
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TRACKS PER INCH	200
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NET CAPACITY (MEGABITS)	500
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HEADS	MOVING
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NUMBER OF SEEK MECHANISMS PER DISC	1
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SEEK TIME	
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A. MINIMUM (MILLISEC.)	10
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B. MAXIMUM (MILLISEC.)	70
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C. AVERAGE (MILLISEC.)	30
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ROTATIONAL SPEED (RPM)	2,400
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LATENCY TIME (MILLISEC.)	12.5
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AVERAGE ACCESS TIME (MILLISEC.)	42.5
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MEMORY PERFORMANCE FACTOR	57,040
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NUMBER OF ACCESSES/DRIVE	23.5
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MAXIMUM BIT TRANSFER RATE (MEGABITS/SEC)	2.5
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EFFECTIVE BIT TRANSFER RATE	1.32
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5) DATA SHEETS ON THE 9742 DISC DRIVE WERE DEPOSITED IN CONNECTION WITH COCOM DOC.(76)1389, ALONG WITH A BLOCK

DIAGRAM OF STANDARD FELIX C256 COMPUTER SYSTEM CONFIGURATION.

6) THE UNITED STATES AUTHORITIES CONSIDER THIS EXPORT REASONABLE AND APPROPRIATE FOR THE STATED END USE, AND WOULD APPRECIATE THE VIEWS OF MEMBER GOVERNMENTS.

URGENCY PROCEDURE IS INVOKED INASMUCH AS THIS TRANSACTION IS PART OF THE SAME ORDER FOR WHICH SUBMISSION WAS MADE IN CONNECTION WITH COCOM DOC (76)1389, AND THE US APPLICANT WISHES TO EXPORT THESE DISC DRIVES IN ONE SHIPMENT.

ATTACHMENT 1

END USER

NAME AND ADDRESS END-USE CPU NO. OF 9742

I.C.I. DEVELOPMENT OF FELIX 256 2
(CONTROL INSTITUTE GENERAL APPLICATIONS PACKAGES FELIX 256 2
FOR INFORMATICS) 21, NICOLAE RACOTA FOR END USERS IN FELIX 256 2
BUCHAREST

C.I.A.
(INDUSTRIAL GROUP INVENTORY CONTROL FELIX 256 2
FOR TRUCK MANUFACTURING) PRODUCTION CONTROL
PAYROLL AND ACCOUNTING
5, POIENELOR, MECHANICAL ENGINEERING
BRASOV NUMERICAL CONTROL

I.T.C.
(INSTITUTE FOR BASIC RESEARCH AND
COMPUTING TECHNIQS) DEVELOPMENT FOR FELIX 256 2
167, CALAA OPERATING SYSTEMS FELIX 256 2
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FLOREASCA AND COMPILERS FELIX 256 2
BUCHAREST (STANDARD SOFTWARE

TOTAL 14 ROBINSON

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SPARE PARTS, STRATEGIC TRADE CONTROLS, EXCEPTIONS LIST, COMPUTERS
Control Number: n/a
Copy: SINGLE
Draft Date: 23 SEP 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: BoyleJA
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976STATE236166
Document Source: CORE
Document Unique ID: 00
Drafter: BAW
Enclosure: n/a
Executive Order: X1
Errors: N/A
Film Number: D760361-0010
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19760926/aaaaawiv.tel
Line Count: 158
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN COME
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: BoyleJA
Review Comment: n/a
Review Content Flags:
Review Date: 23 APR 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <23 APR 2004 by CollinP0>; APPROVED <12 AUG 2004 by BoyleJA>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: EXPORT OF DISC DRIVES TO ROMANIA - IL 1565
TAGS: ESTC, RO, US, COCOM
To: OECD PARIS
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006